

**Improving Teacher Knowledge**

**Building Local and State Math Standards: The Electronic Version of  
*Principles and Standards for School Mathematics***

Goal:

To provide, in electronic form, a resource and a discussion base for developing local or state mathematics standards.

Summary:

*Principles and Standards* offers vision and direction for school mathematics programs. The Principles set forth important characteristics of mathematics programs, and the Standards describe the mathematics that students need to know and be able to do across the grades. The grade-band chapters (pre-K–2, 3–5, 6–8, 9–12) provide both specific expectations for those grades and a plethora of engaging examples to bring those ideas to life. In support of the nationwide dialogue on improving mathematics instruction for all students, many local and state entities are actively engaged in developing mathematics standards that match both community needs and available resources. Such a dialogue needs a reference base and a starting point. *Principles and Standards for School Mathematics* provides such a base. This document is provided in electronic form, free of charge, at [www.standards.nctm.org](http://www.standards.nctm.org).

Purpose:

- Provide, in an easily searchable format, the full text of the document, *Principles and Standards for School Mathematics*
- Provide electronic examples at each grade level that help elaborate the content of the Standards (1989, 2000).
- Direct visitors to Standards-based resources.
- Help communicate the vision of Standards-based mathematics teaching and learning.

Accomplishment/Results:

The site has been visited by over a million individuals since its launch in April 2000.

Plans for the Next 12 Months:

NCTM is committed to keep the site available over the long term.  
Additional information is available at [www.standards.nctm.org](http://www.standards.nctm.org)